



AN ISO 9001:2015 CERTIFIED COMPANY



Akson's Photo Voltaic Energy Solutions

ROOFTOP GRID-TIED SOLAR SYSTEMS:

Rooftop Grid-Tied System is a grid connected solar system that is installed on the rooftop. The system can be installed on the land also. The system converts solar electric or Power Radiation (PV) power into utility grade electricity. This electricity can be used to run all kinds of electrical appliances and any excess generated can be transmitted back to power grid by using Net meter. The system does not contain any battery; hence it is highly eco friendly. The main objective of the installing this system is to reduce the electricity bills drastically. It also helps in reducing on non renewable source of energy like diesel, gas, coal etc.

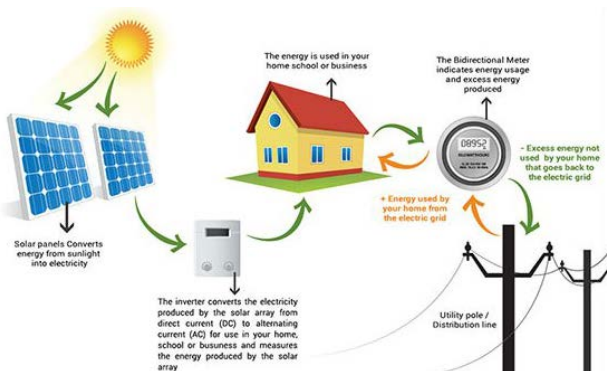
SOLAR PUMPING SOLUTIONS:

A solar-powered pump runs on electricity generated by photovoltaic panels available from collected sunlight as opposed grid electricity or diesel run water pumps. The operation of solar powered pumps is more economical mainly due to the lower operation and maintenance costs and has less environmental impact than pumps powered by an internal combustion engine (ICE). Solar pumps are useful where grid electricity is unavailable Applications: Agriculture Irrigation, Green House, Drinking Water Supply, Swimming Pool Micro Irrigation System, Resorts, Livestock Watering. Water Transfer in Multi-Storied Buildings.

HOW IT WORKS?

Sunlight is converted to DC form of electricity by solar panels. This DC electricity is converted to AC form of electricity by solar inverter. This combined electricity of solar and grid will be given into load from the control panels. Hence no change in wiring is required in the organization internal setup. The grid in this case acts as a back up to the Rooftop Grid tied Solar System. In case of power failure, D.G. set/Electric Inverter can act as a back-up or reference to the system.

APPLICATIONS: The Rooftop-Grid Tied solar system is best suited where electricity consumption is high. The systems can be installed on idle roof tops of homes, schools, hotels, hospitals, colleges, industries, showrooms, offices, petrol pumps etc. Capital Advantages Environmental Advantages.



Our view on solar power systems:

1. Use the best components for seamless integration and performance: We believe in delivering the best possible system to you. Hence, we use the best possible solar system components (tier 1).

2. Long term view: We know that your solar power system is an expensive and emotional investment. Hence, we make sure that the system is designed as per international standards, using tier 1 components from manufacturers who have a very high chance of remaining in business to honour their warranty claims.

3. Customised solutions: We know that every system is different, and we make sure that your system is tailor-made to suit your specific requirement, thus guaranteeing the optimum returns to you.

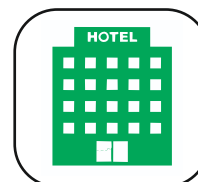
4. Hedge against rising energy costs: Cost of electricity from solar is less than cost of electricity from the grid. Choose to invest today in a green and economical power source and secure your energy future!

5. Why choose Akson's: Extensive experience of more than 15 years in the solar industry. We use only tier 1 components. MNRE channel partner for on-grid and off-grid applications.

6. Insurance for PV systems: We offer insurance policies which are designed to ensure your peace of mind when it comes to your investment.



Home



Hotel



Hospital



Industry



Intelligent Design



Best Components



Insurance



Installations



Certified



Approved



+91 20 65421010 / 5050

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